

REMARKS

Reconsideration and allowance are respectfully requested in light of the above amendments and the following remarks.

The outstanding issues remaining are: (1) an obviousness-type double patenting rejection of claims 12, 13 and 28 based on claims 4-6 of co-pending reissue application 09/833,680; (2) an obviousness-type double patenting rejection of claim 13 based on claim 7 of co-pending reissue application 09/833,770; (3) an indefiniteness rejection of claims 12, 13 and 28; and (4) an objection to the specification.

To overcome (1) and (2) a terminal disclaimer is submitted herewith, to expedite issuance. However, it is noted that the claims are patentably distinct at least because the terms "obtaining" and "determining" refer respectively to decoding and coding of the motion-compensated image.

To overcome (3), claims 12 and 13 are hereby amended to provide correct antecedent basis for the noted terminology and to clarify the claimed subject matter. For the convenience of the Office, marked up versions of the amended claims are attached as Exhibit I. Support for the amended language in claims 12 and 13 is found in Fig. 5 and the discussion at original patent col. 9, line 8 et seq.

To overcome (4), specification amendments are hereby made.

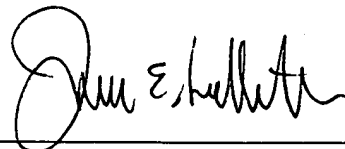
The Original Letters Patent No. 5,745,182 were surrendered on April 6, 2001.

A supplemental reissue declaration was filed on May 10, 2001. A further Supplemental Reissue Declaration will be filed as soon as possible, if necessary. If none is needed pursuant to MPEP 1414.01 due to the editorial nature of the present amendments, the Examiner is requested to telephone the undersigned.

In light of the foregoing, a Notice of Allowance is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below, in order to expedite consideration and allowance of this application.

Respectfully submitted,



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Exhibit I- marked up version of the amended claims

12. (Twice Amended) A method of obtaining a motion-compensated image, said method comprising the steps of:

(a) obtaining a first motion vector MV1 between the motion-compensated-image and one reference image R1 of a plurality of reference images at a second set time interval T2 between the motion-compensated-image and said one reference image R1;

(b) calculating a second motion vector MV2 between the motion-compensated image and another reference image R2 of said plurality of reference images at a first set time interval T1 between the motion-compensated image and said another reference image R2, said second motion vector MV2 being parallel to said first motion vector MV1 and having a magnitude satisfying the relation $MV2 = MV1 \cdot (T1/T2)$;

(c) calculating pixel values [of said one reference image R1 from pixels at positions] corresponding to said first motion vector MV1 from pixels of said one reference image R1 and calculating pixel values [of said second reference image R2 from pixels at positions] corresponding to said second motion vector MV2 from pixels of said another reference image R2, wherein said reference images R1 and R2 are such that a motion vector MV3 between said reference images R1 and R2 has a mathematical

relationship with said first and second motion vectors MV1 and MV2 in which said motion vector MV3 is parallel to and different in value from each of said first and second motion vectors MV1 and MV2; and

(d) calculating motion-compensated pixel values of said motion-compensated image from said pixel values calculated in step (c) to obtain said motion-compensated image.

13. (Twice Amended) A method of obtaining a motion-compensated image, said method comprising the steps of:

(a) obtaining a first motion vector MV1 between the motion-compensated-image and one reference image R1 of a plurality of reference images at a second set time interval T2 between the motion-compensated image and said one reference image R1;

(b) calculating a second motion vector MV2 between the motion-compensated image and another reference image R2 of said plurality of reference images at a first set time interval T1 between the motion-compensated image and said another reference image R2, said second motion vector MV2 being parallel to said first motion vector MV1 and having a magnitude satisfying the relation $MV2 = MV1 \cdot (T1/T2)$;

(c) calculating pixel values [of said one reference image R1 from pixels at positions] corresponding to said first motion

vector MV1 from pixels of said one reference image R1 and calculating pixel values [of said second reference image R2 from pixels at positions] corresponding to said second motion vector MV2 from pixels of said another reference image R2, wherein said reference images R1 and R2 are previous to said motion-compensated image in a time sequence; and

(d) calculating motion-compensated pixel values of said motion-compensated image from said pixel values calculated in step (c) to obtain said motion-compensated image.